

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET

NUMBER

L0461/7099

09/674593

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/US99/10424INTERNATIONAL FILING DATE  
13 May 1999 (13.05.99)PRIORITY DATE CLAIMED  
13 May 1998 (13.05.98)

## TITLE OF INVENTION

TUMOR ASSOCIATED ANTIGEN ENCODED BY THE REVERSE STRAND OF A NEW UBIQUITOUSLY EXPRESSED GENE

## APPLICANT(S) FOR DO/EO/US

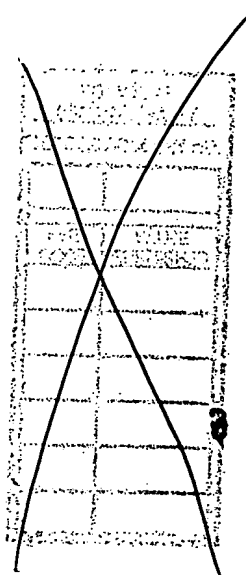
VAN DEN EYNDE, Benoit; BOON-FALLEUR, Thierry

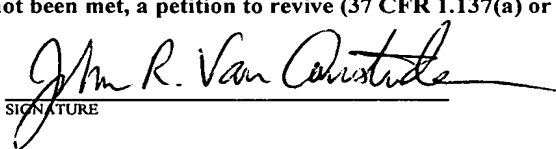
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)) with verification of translation.
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(C)(5)).

**Items 11. To 16. Below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with references.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification (submitted as a first Preliminary Amendment).
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:  
Copy of PCT Published Application page 1

Express Mail Label No. EL310414331US Mailed November 2 2000

U.S. APPLICATION NO. If known, see 37 CFR 1.5		INTERNATIONAL APPLICATION PCT/US99/10424		529 Rec'd PCT/PTC 02 NOV 2000 ATTORNEY'S DOCKET NUMBER L0461/7099	
1 <input checked="" type="checkbox"/> X The following fees submitted:		CALCULATIONS <small>PTO USE ONLY</small>			
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b>					
Search Report has been prepared by the EPO or JPO ..... \$860.00					
International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$690.00					
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).. \$710.00					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$1000.00					
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$100.00					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$860.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 X 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$			
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total Claims	32- 20 =	12	X \$18.00	\$216.00	
Independent Claims	7 - 3 =	4	X \$80.00	\$320.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$270.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$1396.00		
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).			\$0.00		
<b>SUBTOTAL =</b>			\$		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$		
<b>TOTAL NATIONAL FEE =</b>			\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate coversheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$		
<b>TOTAL FEES ENCLOSED =</b>			\$1396.00		
			Amount to be:		
			refunded	\$	
			charged	\$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1396.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge by Deposit Account No. 23/2825 In the amount of \$ To cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO:			 SIGNATURE		
John R. Van Amsterdam WOLF, GREENFIELD & SACKS, P.C. 600 Atlantic Avenue Boston, Massachusetts 02210			John R. Van Amsterdam NAME		
			40,212 REGISTRATION NO.		

#6  
PFF  
9-28-01

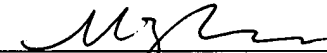
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Van den Eynde and Boon-Falleur  
 U.S. Serial No. : 09/674,593  
 Int'l Application No. : PCT/US99/10424  
 Int'l Filing Date : 13 May 1999 (13.05.99)  
 Earliest Priority Date : 13 May 1998 (13.05.98)  
 Title : TUMOR ASSOCIATED ANTIGEN ENCODED BY THE REVERSE  
 STRAND OF A NEW UBIQUITOUSLY EXPRESSED GENE  
 Examiner : Unknown  
 Art Unit : Unknown

PTO/PCT Rec'd 07 JUN 2001

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box PCT, Commissioner for Patents, Washington, D.C. 20231, on the 4th day of June, 2001.

  
 Monica E. Zombori

Box PCT  
 Commissioner for Patents  
 Washington, DC 20231

STATEMENT PURSUANT TO 37 CFR 1.821(f) AND 37 CFR 1.825 (a) and (b)

This statement is made pursuant to 37 CFR 1.821 (f), and 37 CFR 1.825 (a) and (b). Applicants submit herewith a substitute copy of the written sequence listing and a computer readable diskette to comply with the sequence requirements.

Applicants' attorney states that the information recorded in computer readable form is identical to the written sequence listing and that neither the computer readable form nor the written sequence listing contain new matter.

Respectfully submitted,

  
 John R. Van Amsterdam, Reg. No. 40,212  
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 Boston, MA 02210-2211  
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Attorney's Docket No.: L0461/7099  
 Date: June 4, 2001  
 x07/22/01